

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
030612C/US/2 - 479456-68

Serial No.
09/777,120

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant
Arie Kaufman

Filing Date
February 5, 2001

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2625



U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
SA	4 3 6 7 2 1 6	01/04/83	Mutzel et al.	—	—	—
	4 3 9 1 2 8 0	07/05/83	Miller	—	—	—
	4 6 3 0 2 0 3	12/16/86	Szirtes	—	—	—
	4 7 1 0 8 7 6	12/01/87	Cline et al.	—	—	—
	4 7 1 9 5 8 5	01/12/88	Cline et al.	—	—	—
	4 7 2 9 0 9 8	03/01/88	Cline et al.	—	—	—
	4 7 3 7 9 2 1	04/12/88	Goldwasser et al.	—	—	—
	4 7 9 1 5 6 7	12/13/88	Cline et al.	—	—	—
	4 8 2 3 1 2 9	04/18/89	Nelson	—	—	—
	4 8 3 1 5 2 8	05/16/89	Crawford et al.	—	—	—
	4 8 7 4 3 6 2	10/17/89	Wiest et al.	—	—	—
	4 8 7 9 6 6 8	11/07/89	Cline et al.	—	—	—
	4 9 8 4 1 5 7	01/08/91	Cline et al.	—	—	—
	4 9 8 5 8 3 4	01/15/91	Cline et al.	—	—	—
	4 9 9 3 4 1 5	02/19/91	Long	—	—	—
	5 0 0 6 1 0 9	04/09/91	Douglas et al.	—	—	—
	5 0 2 3 0 7 2	06/11/91	Cheng	—	—	—
	5 0 4 7 7 7 2	09/10/91	Ribner	—	—	—
	5 0 5 6 0 2 0	10/08/91	Feldman et al.	—	—	—

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SA	5 1 2 7 0 3 7	06/30/92	Bynum	—	—	—
	5 1 6 6 8 7 6	11/24/92	Cline et al.	—	—	—
	5 1 7 0 3 4 7	12/08/92	Tuy et al.	—	—	—
	5 1 8 7 6 5 8	02/16/93	Cline et al.	—	—	—
	5 2 0 4 6 2 5	04/20/93	Cline et al.	—	—	—
	5 2 2 9 9 3 5	07/20/93	Yamagishi et al.	—	—	—
	5 2 4 5 5 3 8	09/14/93	Lis	—	—	—
	5 2 6 1 4 0 4	11/16/93	Mick et al.	—	—	—
	5 2 6 5 0 1 2	11/23/93	Amans et al.	—	—	—
	5 2 7 0 9 2 6	12/14/93	Tam	—	—	—
	5 2 8 3 8 3 7	02/01/94	Wood	—	—	—
	5 2 9 5 4 8 8	03/22/94	Lloyd et al.	—	—	—
	5 2 9 9 2 8 8	03/29/94	Glassman et al.	—	—	—
	5 3 2 2 0 7 0	06/21/94	Goodman et al.	—	—	—
	5 3 4 5 4 9 0	09/06/94	Finnigan et al.	—	—	—
	5 3 6 5 9 2 7	11/22/94	Roemer et al.	—	—	—

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

SA		I. Bitter et al., "Penalized-Distance Volumetric Skeleton Algorithm", IEEE Transactions on Visualization and Computer Graphics, Vol. 7, No. 3, July-Sept. 2001, pp. 195-206
		M. Wan et al., "Distance-Field Based Skeletons for Virtual Navigation ", <i>Visualization 2001</i> , San Diego, CA, October 2001
		M. Sato et al., "An automatic colon segmentation for 3D virtual colonoscopy ", IEICE Trans. Information and Systems, Vol. E84-D, No. 1, January 2001, pp. 201-208
		D. Chen et al., "A Novel Approach to Extract Colon Lumen from CT Images for Virtual Colonoscopy" IEEE Transactions on Medical Imaging, Vol. 19, No. 12, December 2000, pp. 1220-1226
		M. Wax et al., "Virtual Colonoscopy - CT Contrast Agent", Second International Symposium on Virtual Colonoscopy, Boston, MA, October 2000
		K. Kreeger, et al., "Volume Rendering for Virtual Colonoscopy on an Affordable PC ", Second International Symposium on Virtual Colonoscopy, Boston, MA, October 2000
		S. Lakare et al., "3D Digital Cleansing Using Segmentation Rays", IEEE Visualization 2000 Conference Proceedings, ACM/SIGGRAPH Press, pp. 37-44, October 2000
		S. Lakare et al., "Automated Pre-navigation processing for Virtual Colonoscopy", Second International Symposium on Virtual Colonoscopy, pp., October 2000
		K. Kreeger et al., "Perspective Virtual Endoscopy with VolumePro Parallel Rendering", Center for Visual Computing and Department of Computer Science, pp. 1-8
		D. Chen et al. "A tree-branch searching, multi-resolution approach to skeletonization for virtual endoscopy", SPIE Medical Imaging 2000, February 2000
		M. Wan et al., "3D Virtual Colonoscopy with Real-time Volume Rendering", SPIE Medical Imaging 2000, February 2000
		M. Wax et al., "Advancing Virtual Colonoscopy to Practice", International Workshop on 3D Imaging and Virtual Endoscopy, February 2000

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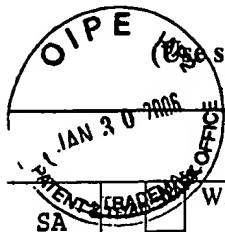
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W. Li et al., "Virtual Colonoscopy Powered by VolumePro", pp. 1-13, month unavailable 1999

M. Wan et al., "Volume Rendering Based Interactive Navigation within the Human Colon", IEEE Visualization '99 conference, San Francisco, CA, Oct, 1999, pp. 397-400

R. Chiou et al., "Interactive Fly-Path Planning Using Potential Fields and Cell Decomposition for Virtual Endoscopy", IEEE Trans. Nuclear Sciences, vol. 46, no. 4, Aug 1999, pp. 1045-1049

D. Chen et al., "MR Imaging and Segmentation of the Colon Wall for Virtual Colonoscopy", Soc. Magn. Reson. Medicine, vol. 3, pp. 2203

R. Chiou et al., "Volume Segmentation and Rendering of Mixtures of Materials for Virtual Colonoscopy", SPIE Medical Imaging '99, Feb. 1999, pp. 133-138

Z. Liang et al., "On Segmentation of Colon Lumen for Virtual Colonoscopy", SPIE Medical Imaging, Feb. 1999, pp. 270-278

Z. Liang et al., "Virtual Endoscopy in Early Detection of Cancers", Biomedical Imaging Symposium: Visualizing the Future of Biology and Medicine, Washington, D.C., Feb. 1999

R. Chiou et al., "Unified Analysis, Modeling, Matching and Synthesis for CT Color Texture Mapping from the Visible Human Dataset", The Second Visible Human Project Conf., Bethesda, MD, Oct. 1998

M. Wan et al., "Boundary Cell-Based Acceleration for Volume Ray Casting", Computer & Graphics, vol. 22, No. 6, 1998, pp. 715-721

R. Chiou et al., "Interactive Path Planning for Virtual Endoscopy", Conf. Record IEEE NSS-MIC, Nov. 1998

M. Wax et al., "Electronic Colon Cleansing for Virtual Colonoscopy", Presentation at the first Int'l. Conf. on Virtual Colonoscopy, Boston, MA, Oct. 1998

L. Hong et al., "Virtual Voyage: Interactive Navigation in the Human Colon", Proc. ACM SIGGRAPH '97, Aug. 1997, pp. 27-34

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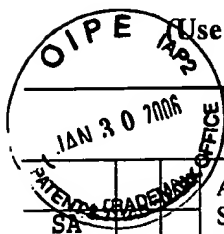
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SA		A. Viswambharan et al., "Virtual Colonoscopy: Three-dimensional Reconstruction of the Mucosal Surface of the Colon", Conf. of Radiological Society of North America (RSNA), Dec. 1996, pp. 565 (Scientific Merit Award)
SA		L. Hong et al., "Physically-Based Interactive Navigation", Technical Report TR.96.01.09, Computer Science Department, SUNY at Stony Brook, Jan. 1996
SA		L. Hong et al., "Visible Human Virtual Colonoscopy", Conference of National Library of Medicine Visible Human Project, Oct. 1996, pp. 29-30
SA		80 th Scientific Assembly and Annual Meeting November 27-December 2, 1994, Radiology Society of North America Founded in, InfoRAD Exhibits

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